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UTILITY	Attorney Doo	cket No. 450133-04878									
PATENT APPLICATION	Anthony Mai										
TRANSMITTAL	DUNDANCY LISTS IN A PEER-TO-PEER RELAY NETWORK Label No. ER 502469585 US										
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail	Label No.	ER 50240	69585 US							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application	Addressed to: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450										
1. Fee Transmittal Form (e.g., PTO/SB/17)		7.	CD-ROM or	CD-R in duplicate	te, large table						
(Submit an original, and a duplicate for fee processing) 2. Applicant claims small entity status.	or Computer Program (Appendix)										
See 37 CFR 1.27. 3. Specification [Total Pages 45]	1	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)									
(preferred arrangement set forth below)	gement set forth below)				a. Computer Readable Form (CFR)						
Descriptive title of the inventionCross References to Related Applications		b. Specification sequence Listing on:									
- Statement Regarding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or									
- Reference to sequence listing, a table, or a comp	iter program	ii paper									
listing appendix Background of the Invention	1	c. Statements verifying identity of above copies									
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS										
- Brief Description of the Drawings (if filed)				Papers (cover she (b) Statement							
- Detailed Description - Claim(s)	- Detailed Description					ver of					
- Abstract of the Disclosure				s an assignee)		orney					
4. Drawing(s)(35 U.S.C. 113) [Total Sheets 31]											
5. Oath or Declaration [Total Pages _	11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS										
a. Newly executed (original or copy)	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations										
b. Copy from a prior application (37 CFR 1.63(d	13. Preliminary Amendment										
i. DELETION OF INVENTOR(S)	14. Return Receipt Postcard (MPEP 503)										
Signed statement attached deleting i	(Should be specifically itemized)										
named in the prior application, see 3	15. Certified Copy of Priority Document(s)										
1.63(d)(2) and 1.33(b).	(if foreign priority is claimed)										
6. Application Data Sheet. See 37 CFR 1.76.	16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).										
	Applicant must attach from PTO/SB/35 or its equivalent. 17. Other: (1) Check in the amount of \$1,036.00; (2)Express Filing										
				R 502469585 US		0; (2)Express Filing					
18. If a CONTINUING APPLICATION, check appropriate box, and	supply the requisit					on Data Sheet under 37					
CFR 1.76: ☐ Continuation ☐ Divisional ☐ C	ontinuation-in-part	(CIP)	of pri	or application No.:	1						
Prior application information: Examin For CONTINUATION OR DIVISIONAL APPS only: The entire disclose	er: ure of the prior an	nlication from u	Grout	o/Art Unit:							
Box 5b, is considered a part of the disclosure of the accompanying continu	iation or divisiona	l application and	l is hereby inco	rporated by referen	re.						
The incorporation can only be relied upon when a portion has been inadv	ORRESPONI			arts.	rom president announce a reconstruction and a						
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Country US	Telephon		212-588-0800	Fa		2-588-0500					
Name (Print/Type) William S. Frommer	Reg	istration No.	(Attorney/	Agent)	A THE RESIDENCE ASSESSMENT OF THE PARTY OF T	,506					
Signature				Date	T	,					
Han Mil				Nove	ember 3, 2003						
Hans R. Mahr, Reg. No. 46,138	for William	S. Frommer									

Approved for use through 4/30/2003. OMB 0651-0032

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<u></u>			Complete if Known										
FEE TRANSMITTAL for FY 2003		Application Number					Not Yet Assigned						
		Filing Date					Herewith						
0	101	r i Zu	103		First Nar		ventor			Anthony Mai			
Effective 01/01/2003. Patent fees are subject to annual revision.		Examiner Name					Not Yet Assigned						
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Account Name Frommer Lawrence & Haug LLP				1052	50	2052	25	Surcharge – late provision	al filing fee or				
The Commiss	ioner is autho	orized to: (ci	neck all that	apply)		1053	130	1053	130	Cover sheet Non-English specification			
	e(s) indicated			any overpaymer	nts	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
	F	EE CALC	ULATION	····		1251	110	2251	55	Extension for reply within	first month		
1. BASIC F	ILING FEE					1252	410	2252	205	Extension for reply within:	second month		
						1253	930	2253	465	Extension for reply within			
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1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee						1452	110	2452	55	Petition to revive – unavoidable			
SUBTOTAL (1) (\$)770.00				1453	1300	2453	650	Petition to revive- unintentional					
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2. EXTRA C	LAIM FEE	S FOR UT	LITY AND	REISSUE		1502	470	2502	235	Design issue fee			
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1202 18		9	Claims in exc		_	1801	750	2801	375	Request for continued exa	mination(RCE)		
1201 86	1	43	Independent	claims in excess of	3	1802	900	1802	900	Request for expedited examination of a design application			
1203 280 1204 84		140 42 **		ndent claim, if not p pendent claims over		Other fee (specify)							
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** or number previously paid, if greater; For Reissues, see above * Reduced by Basic Filing Fee													
SUBMITTED BY						I Regist	ration No.			Complete (if			
Name (Print/Type) William S. Frommer				77	(Attorn	ey/Agent)	7	25,506	Telephone	212-588-0800			
Signature		1	L D	£ 120 for \8000		14	ν.	no	0-		Date	11/3/03	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or neggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231... DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFCommissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450...

New U.S. Patent Application for application entitled:

REDUNDACY LISTS IN A PEER-TO-PEER RELAY NETWORK

Express Mail No.: ER 502469585 US Date of Deposit: November 3, 2003

I hereby certify that this application and the accompanying papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

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HANS R. MAHR

(Printed name)

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